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Patent Search 6559236 5/3/2007

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Current session 03/05/2007

(C) QUESTEL 1994
QUESTEL.ORBIT (TM) 1998
Last connection: 24/04/07 20*25*07

03/05/07 16*25*41

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Query/Command : FILE PLUSPAT

QUESTEL - Time in minutes : 2,75
The cost estimation below is based on Questel's
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Cost estimated for the last database search : 3.11 USD
Estimated total session cost : 3.11 USD

Selected file: PLUSPAT

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Comprehensive Worldwide Patents database
Individual records for each Country or Patent Office
Coverage: 77 patenting authorities; start dates vary from 1800 forward
For PlusPat Fact Sheet, Pricing and FAQ, see the Questel.Orbit website
Citations and FI/F-term classification available for Japanese documents
Last update of file: 2007/05/02 (YYYY/MM/DD) 2007-17/UP (last update)

Search statement 1

Query/Command : US6559236/PN**** SS 1: Results 1**

Search statement 2

Query/Command : PRT FULL NONSTOP LEGALALL

1/1 PLUSPAT - ©QUESTEL-ORBIT

PN - US6559236 B1 20030506 [US6559236]

- TI** - (B1) Method for producing aqueous dispersions of (co)polymers, dispersions obtained using said method, redispersible powders which can be obtained from said dispersions and use thereof
- PA** - (B1) NAT STARCH CHEM INVEST (US)
- PA0** - National Starch and Chemical Investment Holding Corporation, New Castle DE [US]
- IN** - (B1) KOELLIKER ROBERT (CH); WILLIMANN HONGLI (CH)
- AP** - US74408901 20010511 [2001US-0744089]
- FD** - PCT/EP99/05206 19990721 [1999WO-EP05206]
WO00/05283 20000203 [WO200005283]
- PR** - DE19833066 19980722 [1998DE-1033066]
WOEP9905206 19990721 [1999WO-EP05206]
- IC** - (B1) C08F-271/00 C08L-009/04
- ICAA** - B01D-015/08 [2006-01 A - I R M EP]; C04B-024/26 [2006-01 A - I R M EP];
C08F-002/28 [2006-01 A - I R M EP]; C08F-291/00 [2006-01 A - I R M EP];
C09D-001/08 [2006-01 A - I R M EP]; C09D-151/00 [2006-01 A - I R M EP]
- ICCA** - B01D-015/08 [2006 C - I R M EP]; C04B-024/00 [2006 C - I R M EP]; C08F-
002/12 [2006 C - I R M EP]; C08F-291/00 [2006 C - I R M EP]; C09D-001/00
[2006 C - I R M EP]; C09D-151/00 [2006 C - I R M EP]
- EC** - C08F-291/00 C08F-002:22
B01D-015/08
C04B-024/26
C08F-002/28
C09D-001/08
C09D-151/00
- PCL** - ORIGINAL (O) : 525293000; CROSS-REFERENCE (X) : 524457000
524458000 524460000 524564000
- DT** - Corresponding document
- CT** - US4483959; US5288782; US5403894; US5925447; US6011103; EP0630909;
WO9641825
- STG** - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
- AB** - Process for the preparation of aqueous dispersions of (co)polymerizates using a polymer with cationic functionality, optionally accompanied by the use of conventional additives, the polymer with cationic functionality being obtained by (co)polymerization in an aqueous medium of olefinically unsaturated (co) monomers, in which at least one (co)monomer has a cationic functionality, further (co)monomers are added and polymerization takes place in the presence of suitable initiators, wherein the polymers and/or (co)monomers are so chosen and the process is so controlled that a (co)polymerizate particle with heterogeneous morphology is formed and the dispersed (co)polymerizate obtained has a glass transition temperature Tg of more than about 50 (degree) C. The invention also relates to a process in which the polymer with cationic functionality is formed in situ in the presence of a seed. Redispersible powders and the use thereof are also described.
- UP** - 2003-20

1/1 LGST - ©EPO

PN - US6559236 B1 20030506 [US6559236]

AP - US74408901 20010511 [2001US-0744089]

ACT - 20010319 US/AS-A

ASSIGNMENT

OWNER: NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CO; EFFECTIVE DATE: 20010306

MORTGAGE;ASSIGNORS:WILLIMANN, HONGLI;KOELLIKER, ROBERT;REEL/FRAME:011634/0342

20010319 US/AS-A

ASSIGNMENT

OWNER: NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CO; EFFECTIVE DATE: 20010306

MORTGAGE;ASSIGNORS:WILLIMANN, HONGLI /AR;REEL/FRAME:011634/0342

20031118 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20030905

UP - 2006-08

1/1 CRXX - ©CLAIMS/RRX .

PN - 6,559,236 A 20030506 [US6559236]

PA - National Starch and Chemical Investment Holding Corp

ACT - 20030905 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20031118

REISSUE REQUEST NUMBER: 10/657059

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1711

Reissue Patent Number:

Search statement 2

Query/Command : FILE INPADOC

LGST - Time in minutes : 0,03
The cost estimation below is based on Questel's standard price list

Estimated cost : 0.03 USD

Records displayed and billed : 1

Estimated cost : 0.70 USD

Cost estimated for the last database search : 0.73 USD

Estimated total session cost : 3.84 USD

CRXX - Time in minutes : 0,04

The cost estimation below is based on Questel's standard price list

| | |
|---|----------|
| Estimated cost : | 0.07 USD |
| Records displayed and billed : | 1 |
| Estimated cost : | 6.00 USD |
| Cost estimated for the last database search : | 6.07 USD |
| Estimated total session cost : | 9.91 USD |

LITA - Time in minutes : 0,02

The cost estimation below is based on Questel's standard price list

| | |
|---|----------|
| Estimated cost : | 0.05 USD |
| Cost estimated for the last database search : | 0.05 USD |
| Estimated total session cost : | 9.96 USD |

PLUSPAT - Time in minutes : 1,49

The cost estimation below is based on Questel's standard price list

| | |
|---|-----------|
| Estimated cost : | 4.34 USD |
| Records displayed and billed : | 1 |
| Estimated cost : | 1.55 USD |
| Cost estimated for the last database search : | 5.89 USD |
| Estimated total session cost : | 15.85 USD |

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.
Comprehensive Worldwide Patents database
Individual records for each Country or Patent Office
Coverage: 77 patenting authorities; start dates vary from 1800 forward
For PlusPat Fact Sheet, Pricing and FAQ, see the Questel.Orbit website
Citations and FI/F-term classification available for Japanese documents
Last update of file: 2007/05/02 (YYYY/MM/DD) 2007-17/UP (last update)

Search statement 2

Query/Command : FAM US6559236/PN

1 Patent Groups

** SS 2: Results 9

Search statement 3

Query/Command : FAMSTATE NONSTOP

1 / 9 PLUSPAT - ©QUESTEL-ORBIT

PN - AU5506099 A 20000214 [AU9955060]

STG - (A) Open to public inspection

TI - (A) Method for producing aqueous dispersions of (co)polymers, dispersions obtained using said method, redispersible powders which can be obtained from said dispersions and use thereof

PA - (A) ELOTEX AG
IN - (A) WILLIMANN HONGLI; KOELLIKER ROBERT
IC - (A) A01N-025/10 A61K-009/20 C04B-024/26 C08F-265/04 C08F-285/00
 C08L-051/00 C08L-057/00 G01N-030/48
PN2 - AU762219 B2 20030619 [AU-762219]
STG2 - (B2) Patent preceeded by OPI
TI2 - (B2) Method for producing aqueous dispersions of (co)polymers, dispersions obtained using said method, redispersible powders which can be obtained from said dispersions and use thereof
PA2 - (B2) ELOTEX AG
IN2 - (B2) KOELLIKER ROBERT; WILLIMANN HONGLI
IC2 - (B2) A01N-025/10 A61K-009/20 C04B-024/26 C08F-265/04 C08F-285/00
 C08L-051/00 C08L-057/00 G01N-030/48
AP - AU5506099 19990721 [1999AU-005506]
PR - DE19833066 19980722 [1998DE-1033066]
 WOEP9905206 19990721 [1999WO-EP05206]
ICAA - B01D-015/08 [2006-01 A - I R M EP]; C04B-024/26 [2006-01 A - I R M EP];
 C08F-002/28 [2006-01 A - I R M EP]; C08F-291/00 [2006-01 A - I R M EP];
 C09D-001/08 [2006-01 A - I R M EP]; C09D-151/00 [2006-01 A - I R M EP]
ICCA - B01D-015/08 [2006 C - I R M EP]; C04B-024/00 [2006 C - I R M EP]; C08F-
 002/12 [2006 C - I R M EP]; C08F-291/00 [2006 C - I R M EP]; C09D-001/00
 [2006 C - I R M EP]; C09D-151/00 [2006 C - I R M EP]
UP - 2000-22

2 / 9 PLUSPAT - ©QUESTEL-ORBIT

PN - BR9912676 A 20010502 [BR9912676]
STG - (A) Patent Application
OTI - (A) Processo para fabricar disperses aquosas e (co-) pol meros, disperses obtidas pelo dito processo, p redispens vel que se pode obter a partir das referidas disperses bem como sua aplicaç o
PA - (A) ELOTEX AG (CH)
IN - (A) KOELLIKER ROBERT; WILLIMANN HONGLI
IC - (A) A01N-025/10 A61K-009/20 C04B-024/26 C08F-265/04 C08F-285/00
 C08L-051/00 C08L-057/00 G01N-030/48
AP - BR9912676 19990721 [1999BR-0012676]
PR - DE19833066 19980722 [1998DE-1033066]
 WOEP9905206 19990721 [1999WO-EP05206]
ICAA - B01D-015/08 [2006-01 A - I R M EP]; C04B-024/26 [2006-01 A - I R M EP];
 C08F-002/28 [2006-01 A - I R M EP]; C08F-291/00 [2006-01 A - I R M EP];
 C09D-001/08 [2006-01 A - I R M EP]; C09D-151/00 [2006-01 A - I R M EP]
ICCA - B01D-015/08 [2006 C - I R M EP]; C04B-024/00 [2006 C - I R M EP]; C08F-
 002/12 [2006 C - I R M EP]; C08F-291/00 [2006 C - I R M EP]; C09D-001/00
 [2006 C - I R M EP]; C09D-151/00 [2006 C - I R M EP]
UP - 2001-22

3/9 PLUSPAT - ©QUESTEL-ORBIT

PN - CA2338095 A1 20000203 [CA2338095] *there is no relation.*

STG - (A1) Application laid open

TI - (A1) METHOD FOR PRODUCING AQUEOUS DISPERSIONS OF (CO) POLYMERS, DISPERSIONS OBTAINED USING SAID METHOD, REDISPERSIBLE POWDERS WHICH CAN BE OBTAINED FROM SAID DISPERSIONS AND USE THEREOF

OTI - (A1) PROCEDE DE PRODUCTION DE DISPERSIONS AQUEUSES DE (CO) POLYMERES, DISPERSIONS PRODUITES SELON CE PROCEDE, POUDRES REDISPERSIBLES OBTENUES A PARTIR DE CES DISPERSIONS ET LEUR UTILISATION

PA - (A1) ELOTEX AG (CH)

IN - (A1) KOELLIKER ROBERT (CH); WILLIMANN HONGLI (CH)

IC - (A1) A01N-025/10 A61K-009/20 C04B-024/26 C08F-265/04 C08F-285/00 C08L-051/00 C08L-057/00 G01N-030/48

LA - ENGLISH (ENG)

AP - CA2338095 19990721 [1999CA-2338095]

PR - DE19833066 19980722 [1998DE-1033066]
WOEP9905206 19990721 [1999WO-EP05206]

ICAA - B01D-015/08 [2006-01 A - I R M EP]; C04B-024/26 [2006-01 A - I R M EP]; C08F-002/28 [2006-01 A - I R M EP]; C08F-291/00 [2006-01 A - I R M EP]; C09D-001/08 [2006-01 A - I R M EP]; C09D-151/00 [2006-01 A - I R M EP]

ICCA - B01D-015/08 [2006 C - I R M EP]; C04B-024/00 [2006 C - I R M EP]; C08F-002/12 [2006 C - I R M EP]; C08F-291/00 [2006 C - I R M EP]; C09D-001/00 [2006 C - I R M EP]; C09D-151/00 [2006 C - I R M EP]

UP - 2002-41

1/1 LEGALI - ©EPO

PN - CA2338095 A1 20000203 [CA2338095]

AP - CA2338095 19990721 [1999CA-2338095]

ACTE - 20010118 CA/AFNE-A [+]
NATIONAL PHASE ENTRY

20010118 CA/EEER-A [+]
EXAMINATION REQUEST

20030403 CA/AFNE-A [+]
NATIONAL PHASE ENTRY
EFFECTIVE DATE: 20010118

20030403 CA/EEER-A [+]
EXAMINATION REQUEST
EFFECTIVE DATE: 20010118

UP - 2006-20

4 / 9 PLUSPAT - ©QUESTEL-ORBIT

PN - DE19833066 A1 20000203 [DE19833066]
STG - (A1) Doc. Laid open (First publication)
OTI - (A1) Verfahren zur Herstellung wä riger Dispersionen von (Co-)Polymerisaten, die danach erhältlichen Dispersionen, aus den Dispersionen erhältliche redispersierbare Pulver sowie deren Verwendung
PA - (A1) ELOTEX AG SEMPACH STATION (CH)
IN - (A1) KOELLIKER ROBERT (CH); WILLIMANN HONGLI (CH)
IC - (A1) A01N-025/08 B01D-015/08 C04B-024/26 C08F-002/08 C08J-003/02 C08J-003/12 C08L-023/00 C09D-001/08 C09D-005/02 C09D-151/06 C09D-157/10 C09J-123/00
AP - DE19833066 19980722 [1998DE-1033066]
PR - DE19833066 19980722 [1998DE-1033066]
ICAA - B01D-015/08 [2006-01 A - I R M EP]; C04B-024/26 [2006-01 A - I R M EP]; C08F-002/28 [2006-01 A - I R M EP]; C08F-291/00 [2006-01 A - I R M EP]; C09D-001/08 [2006-01 A - I R M EP]; C09D-151/00 [2006-01 A - I R M EP]
ICCA - B01D-015/08 [2006 C - I R M EP]; C04B-024/00 [2006 C - I R M EP]; C08F-002/12 [2006 C - I R M EP]; C08F-291/00 [2006 C - I R M EP]; C09D-001/00 [2006 C - I R M EP]; C09D-151/00 [2006 C - I R M EP]
EC - C08F-291/00 C08F-002:22
 B01D-015/08
 C04B-024/26
 C08F-002/28
 C09D-001/08
 C09D-151/00
DT - Basic

1 / 1 LEGALI - ©EPO

PN - DE19833066 A1 20000203 [DE19833066]
AP - DE19833066 19980722 [1998DE-1033066]
ACTE - 20000203 DE/OP8-A [+]
 REQUEST FOR EXAMINATION AS TO PARAGRAPH 44 PATENT LAW
UP - 2003-22

5 / 9 PLUSPAT - ©QUESTEL-ORBIT

PN - EP1098916 A1 20010516 [EP1098916]
STG - (A1) Public. Of applic. With search report
TI - (A1) METHOD FOR PRODUCING AQUEOUS DISPERSIONS OF (CO) POLYMERS, DISPERSIONS OBTAINED USING SAID METHOD, REDISPERSIBLE POWDERS WHICH CAN BE OBTAINED FROM SAID DISPERSIONS AND USE THEREOF
OTI - (A1) VERFAHREN ZUR HERSTELLUNG WÄSSRIGER DISPERSIONEN VON (CO-)POLYMERISATEN, DIE DANACH ERHÄLTLICHEN

DISPERSIONEN, AUS DEN DISPERSIONEN ERHÄLTLICHE
 REDISPERGIERBARE PULVER SOWIE DEREN VERWENDUNG
 (A1) PROCEDE DE PRODUCTION DE DISPERSIONS AQUEUSES DE (CO-
)POLYMERES, DISPERSIONS PRODUITES SELON CE PROCEDE,
 POUDRES REDISPERSIBLES OBTENUES A PARTIR DE CES
 DISPERSIONS ET LEUR UTILISATION

- PA** - (A1) ELOTEX AG (CH)
- IN** - (A1) KOELLIKER ROBERT (CH); WILLIMANN HONGLI (CH)
- IC** - (A1) A01N-025/10 A61K-009/20 C04B-024/26 C08F-265/04 C08F-285/00
 C08L-051/00 C08L-057/00 G01N-030/48
- LA** - GERMAN (GER)
- AP** - EP99941448 19990721 [1999EP-0941448]
- PR** - DE19833066 19980722 [1998DE-1033066]
 WOEP9905206 19990721 [1999WO-EP05206]
- ICAA** - B01D-015/08 [2006-01 A - I R M EP]; C04B-024/26 [2006-01 A - I R M EP];
 C08F-002/28 [2006-01 A - I R M EP]; C08F-291/00 [2006-01 A - I R M EP];
 C09D-001/08 [2006-01 A - I R M EP]; C09D-151/00 [2006-01 A - I R M EP]
- ICCA** - B01D-015/08 [2006 C - I R M EP]; C04B-024/00 [2006 C - I R M EP]; C08F-
 002/12 [2006 C - I R M EP]; C08F-291/00 [2006 C - I R M EP]; C09D-001/00
 [2006 C - I R M EP]; C09D-151/00 [2006 C - I R M EP]
- DS** - AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
 AL LT LV MK RO SI
- UP** - 2001-20

1/1 LEGALI - ©EPO

PN - EP1098916 A1 20010516 [EP1098916]

AP - EP99941448 19990721 [1999EP-0941448]

ACTE - 20010516 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

20010516 EP/AX-A [+]

EXTENSION OF THE EUROPEAN PATENT TO

AL;LT;LV;MK;RO;SI

20010516 EP/17P-A [+]

REQUEST FOR EXAMINATION FILED

EFFECTIVE DATE: 20010119

20031029 EP/17Q-A [+]

FIRST EXAMINATION REPORT

EFFECTIVE DATE: 20030911

UP - 2003-44

6/9 PLUSPAT - ©QUESTEL-ORBIT

PN - JP2002521511 T 20020716 [JP2002521511]

STG - (T) Unexam. Pat. Appl. On foreign appl.

IC - (T) C04B-024/24 C04B-028/02 C08F-002/18 C08F-002/44 C08F-291/00 C08J-003/12 C08L-051/00 C08L-101/00 C09D-151/00 C09D-157/00 C09J-151/00 C09J-157/00 G01N-030/48

AP - JP2000561238T 19990721 [2000JP-0561238]

PR - DE19833066 19980722 [1998DE-1033066]
WOEP9905206 19990721 [1999WO-EP05206]

ICAA - B01D-015/08 [2006-01 A - I R M EP]; C04B-024/26 [2006-01 A - I R M EP]; C08F-002/28 [2006-01 A - I R M EP]; C08F-291/00 [2006-01 A - I R M EP]; C09D-001/08 [2006-01 A - I R M EP]; C09D-151/00 [2006-01 A - I R M EP]

ICCA - B01D-015/08 [2006 C - I R M EP]; C04B-024/00 [2006 C - I R M EP]; C08F-002/12 [2006 C - I R M EP]; C08F-291/00 [2006 C - I R M EP]; C09D-001/00 [2006 C - I R M EP]; C09D-151/00 [2006 C - I R M EP]

FI - G01N30/48 P; C08J3/12 CERZ; C04B24/24 Z; C04B28/02; C08L51/00; C08L101/00; C08F2/18; C08F2/44 C; C08F291/00; C09D151/00; C09D157/00; C09J151/00; C09J157/00; G01N30/88 101M; G01N30/88 101P; G01N30/88 101S; G01N30/88 201X

FTM - 4F070 AA06; 4F070 AA08; 4F070 AA18; 4F070 AA28; 4F070 AA29; 4F070 AA32; 4F070 AB08; 4F070 AC50; 4F070 AE14; 4F070 DA34; 4F070 DA37; 4F070 DC12; 4F070 DC13; 4G012 PB16; 4G012 PB19; 4G012 PB40; 4G012 PC04; 4G012 PC12; 4J002 AB01.3; 4J002 AC02.X; 4J002 BB02.X; 4J002 BC07.X; 4J002 BE02.3; 4J002 BF01.X; 4J002 BF02.X; 4J002 BG02.X; 4J002 BG04.X; 4J002 BG05.X; 4J002 BN03.W; 4J002 BN13.W; 4J002 FD01.0; 4J002 GB00; 4J002 GD02; 4J002 GH00; 4J002 GJ01; 4J002 GL00; 4J002 HA07; 4J002 HA09; 4J011 AA05; 4J011 AC06; 4J011 BA04; 4J011 BB09; 4J011 DA01; 4J011 DB12; 4J011 DB23; 4J011 KA04; 4J011 KA15; 4J011 KB02; 4J011 KB05; 4J011 KB14; 4J011 KB19; 4J011 KB29; 4J011 PA63; 4J011 PA69; 4J011 PA78; 4J011 PB40; 4J011 PC02; 4J011 PC06; 4J011 PC13; 4J026 AA12; 4J026 AA17; 4J026 AA38; 4J026 AA43; 4J026 AA45; 4J026 AA48; 4J026 AA68; 4J026 AC11; 4J026 BA16; 4J026 BA29; 4J026 BA32; 4J026 DB04; 4J026 DB08; 4J026 DB12; 4J026 DB14; 4J026 DB15; 4J026 DB22; 4J026 DB32; 4J026 EA06; 4J026 FA03; 4J026 FA04; 4J026 FA07; 4J026 GA02; 4J026 GA06; 4J026 GA08; 4J026 GA09; 4J038 CP00.1; 4J038 CP00.2; 4J038 CP02.1; 4J038 CP02.2; 4J038 CP04.1; 4J038 CP04.2; 4J038 CP07.1; 4J038 CP07.2; 4J038 CP08.1; 4J038 CP08.2; 4J038 CQ00.1; 4J038 CQ00.2; 4J038 GA08; 4J038 GA09; 4J038 KA09; 4J038 LA02; 4J038 MA02; 4J038 MA08; 4J038 MA10; 4J038 MA13; 4J038 MA14; 4J038 NA25; 4J038 NA26; 4J040 DL04.1; 4J040 DL04.2; 4J040 DL12.1; 4J040 DL12.2; 4J040 DL14.1; 4J040 DL14.2; 4J040 DM00.1; 4J040 DM00.2; 4J040 GA14; 4J040 GA15; 4J040 GA16; 4J040 JA03; 4J040 JA07; 4J040 KA38; 4J040 LA02; 4J040 LA03; 4J040 LA11; 4G112 PB16; 4G112 PB19; 4G112 PB40; 4G112 PC04; 4G112 PC12

UP - 2002-35

7/9 PLUSPAT - ©QUESTEL-ORBIT

PN - PL346244 A1 20020128 [PL-346244]

STG - (A1) Application

TI - (A1) METHOD FOR PRODUCING AQUEOUS DISPERSIONS OF (CO) POLYMERS, DISPERSIONS OBTAINED USING SAID METHOD, REDISPERSIBLE POWDERS WHICH CAN BE OBTAINED FROM SAID DISPERSIONS AND USE THEREOF

PA - (A1) ELOTEX AG (CH)

IN - (A1) KOELLIKER ROBERT (CH); WILLIMANN HONGLI (CH)

IC - (A1) C08F-265/04

AP - PL34624499 19990721 [1999PL-0346244]

PR - DE19833066 19980722 [1998DE-1033066]
WOEP9905206 19990721 [1999WO-EP05206]

ICAA - B01D-015/08 [2006-01 A - I R M EP]; C04B-024/26 [2006-01 A - I R M EP]; C08F-002/28 [2006-01 A - I R M EP]; C08F-291/00 [2006-01 A - I R M EP]; C09D-001/08 [2006-01 A - I R M EP]; C09D-151/00 [2006-01 A - I R M EP]

ICCA - B01D-015/08 [2006 C - I R M EP]; C04B-024/00 [2006 C - I R M EP]; C08F-002/12 [2006 C - I R M EP]; C08F-291/00 [2006 C - I R M EP]; C09D-001/00 [2006 C - I R M EP]; C09D-151/00 [2006 C - I R M EP]

UP - 2002-14

8/9 PLUSPAT - ©QUESTEL-ORBIT

PN - US6559236 B1 20030506 [US6559236]

STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

TI - (B1) Method for producing aqueous dispersions of (co)polymers, dispersions obtained using said method, redispersible powders which can be obtained from said dispersions and use thereof

PA - (B1) NAT STARCH CHEM INVEST (US)

PA0 - National Starch and Chemical Investment Holding Corporation, New Castle DE [US]

IN - (B1) KOELLIKER ROBERT (CH); WILLIMANN HONGLI (CH)

IC - (B1) C08F-271/00 C08L-009/04

AP - US74408901 20010511 [2001US-0744089]

PR - DE19833066 19980722 [1998DE-1033066]
WOEP9905206 19990721 [1999WO-EP05206]

ICAA - B01D-015/08 [2006-01 A - I R M EP]; C04B-024/26 [2006-01 A - I R M EP]; C08F-002/28 [2006-01 A - I R M EP]; C08F-291/00 [2006-01 A - I R M EP]; C09D-001/08 [2006-01 A - I R M EP]; C09D-151/00 [2006-01 A - I R M EP]

ICCA - B01D-015/08 [2006 C - I R M EP]; C04B-024/00 [2006 C - I R M EP]; C08F-002/12 [2006 C - I R M EP]; C08F-291/00 [2006 C - I R M EP]; C09D-001/00 [2006 C - I R M EP]; C09D-151/00 [2006 C - I R M EP]

EC - C08F-291/00 C08F-002:22
B01D-015/08
C04B-024/26
C08F-002/28
C09D-001/08
C09D-151/00

PCL - ORIGINAL (O) : 525293000; CROSS-REFERENCE (X) : 524457000

524458000 524460000 524564000

- DT** - Corresponding document
UP - 2003-20
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1/1 LEGALI - ©EPO

PN - US6559236 B1 20030506 [US6559236]
AP - US74408901 20010511 [2001US-0744089]
ACTE - 20010319 US/AS-A
ASSIGNMENT
OWNER: NATIONAL STARCH AND CHEMICAL INVESTMENT
HOLDING CO; EFFECTIVE DATE: 20010306
MORTGAGE;ASSIGNORS:WILLIMANN, HONGLI;KOELLIKER,
ROBERT;REEL/FRAME:011634/0342

20010319 US/AS-A
ASSIGNMENT
OWNER: NATIONAL STARCH AND CHEMICAL INVESTMENT
HOLDING CO; EFFECTIVE DATE: 20010306
MORTGAGE;ASSIGNORS:WILLIMANN,
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20031118 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030905

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9/9 PLUSPAT - ©QUESTEL-ORBIT

PN - WO200005283 A1 20000203 [WO200005283]
STG - (A1) Publ. Of int. Appl. With int. Search rep
TI - (A1) METHOD FOR PRODUCING AQUEOUS DISPERSIONS OF (CO)
POLYMERS, DISPERSIONS OBTAINED USING SAID METHOD,
REDISPERSIBLE POWDERS WHICH CAN BE OBTAINED FROM SAID
DISPERSIONS AND USE THEREOF
OTI - (A1) VERFAHREN ZUR HERSTELLUNG WÄSSRIGER DISPERSIONEN
VON (CO-)POLYMERISATEN, DIE DANACH ERHÄLTLICHEN
DISPERSIONEN, AUS DEN DISPERSIONEN ERHÄLTLICHE
REDISPERGIERBARE PULVER SOWIE DEREN VERWENDUNG
(A1) PROCEDE DE PRODUCTION DE DISPERSIONS AQUEUSES DE (CO-
)POLYMERES, DISPERSIONS PRODUITES SELON CE PROCEDE,
POUDRES REDISPERSIBLES OBTENUES A PARTIR DE CES
DISPERSIONS ET LEUR UTILISATION
PA - (A1) ELOTEX AG (CH); KOELLIKER ROBERT (CH); WILLIMANN
HONGLI (CH)
PA0 - ELOTEX AG ; Industriestrasse 17a CH-6203 Sempach Station (CH) (except US)
WILLIMANN, Hongli ; Burgstrasse 2 CH-5634 Merenschwand (CH) (only US)
KOELLIKER, Robert ; Unterhofstrasse 14 CH-6208 Oberkirch (CH) (only US)

IN - (A1) KOELLIKER ROBERT (CH); WILLIMANN HONGLI (CH)

IC - (A1) A01N-025/10 A61K-009/20 C04B-024/26 C08F-265/04 C08F-285/00
C08L-051/00 C08L-057/00 G01N-030/48

LA - GERMAN (GER)

AP - WOEP9905206 19990721 [1999WO-EP05206]

PR - DE19833066 19980722 [1998DE-1033066]

ICAA - B01D-015/08 [2006-01 A - I R M EP]; C04B-024/26 [2006-01 A - I R M EP];
C08F-002/28 [2006-01 A - I R M EP]; C08F-291/00 [2006-01 A - I R M EP];
C09D-001/08 [2006-01 A - I R M EP]; C09D-151/00 [2006-01 A - I R M EP]

ICCA - B01D-015/08 [2006 C - I R M EP]; C04B-024/00 [2006 C - I R M EP]; C08F-
002/12 [2006 C - I R M EP]; C08F-291/00 [2006 C - I R M EP]; C09D-001/00
[2006 C - I R M EP]; C09D-151/00 [2006 C - I R M EP]

EC - C08F-291/00 C08F-002:22
B01D-015/08
C04B-024/26
C08F-002/28
C09D-001/08
C09D-151/00

DS - AE; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE;
DK; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG;
KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX;
NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG;
US; UZ; VN; YU; ZA; ZW; ARIPO Patent (GH; GM; KE; LS; MW; SD; SL;
SZ; UG; ZW); Eurasian Patent (AM; AZ; BY; KG; KZ; MD; RU; TJ; TM);
European Patent (AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU;
MC; NL; PT; SE); OAPI Patent (BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG)

DT - Corresponding document

1/1 LEGALI - ©EPO

PN - WO200005283 A1 20000203 [WO200005283]

AP - WOEP9905206 19990721 [1999WO-EP05206]

ACTE - 20000203 WO/AK [+]
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH
SEARCH REPORT
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

20000203 WO/AL [+]
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A
PUBLISHED APPLICATION WITH SEARCH REPORT
GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD TG

20000329 WO/121

EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS
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20000413 WO/DFPE

REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO
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20010118 WO/ENP

ENTRY INTO THE NATIONAL PHASE IN:
CA 2338095A [1999CA-2338095]

20010122 WO/ENP

ENTRY INTO THE NATIONAL PHASE IN:
JP 2000 561238A [2000JP-0561238]

20010511 WO/ENP

ENTRY INTO THE NATIONAL PHASE IN:
US 2001 744089A 20010511 [2001US-0744089]

20020122 WO/NENP

NON-ENTRY INTO THE NATIONAL PHASE IN:
<CA>

UP - 2004-24

Search statement 3